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Datasheet for ABIN5684141  
**anti-CD48 antibody (AA 47-181)**

3 Images

Overview

Quantity:	0.1 mg
Target:	CD48
Binding Specificity:	AA 47-181
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Flow Cytometry (FACS), Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunocytochemistry (ICC), Neutralization (Neut)

Product Details

Immunogen:	Purified recombinant fragment of human CD48 (AA: 47-181) expressed in E. coli.
Clone:	2B11A3
Isotype:	IgG1
Purification:	purified

Target Details

Target:	CD48
Alternative Name:	CD48 ( <a href="#">CD48 Products</a> )
Background:	Description: This gene encodes a member of the CD2 subfamily of immunoglobulin-like receptors which includes SLAM (signaling lymphocyte activation molecules) proteins. The encoded protein is found on the surface of lymphocytes and other immune cells, dendritic cells

## Target Details

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and endothelial cells, and participates in activation and differentiation pathways in these cells. The encoded protein does not have a transmembrane domain, however, but is held at the cell surface by a GPI anchor via a C-terminal domain which maybe cleaved to yield a soluble form of the receptor. Multiple transcript variants encoding different isoforms have been found for this gene.

Aliases: BCM1, BLAST, hCD48, mCD48, BLAST1, SLAMF2, MEM-102

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Molecular Weight:	27.7 kDa
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Gene ID:	962
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HGNC:	9437
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## Application Details

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Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000, ICC: N/A, FCM: N/A, IHC: N/A
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Restrictions:	For Research Use only
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## Handling

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Format:	Liquid
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Buffer:	Purified antibody in PBS with 0.05 % sodium azide
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Preservative:	Sodium azide
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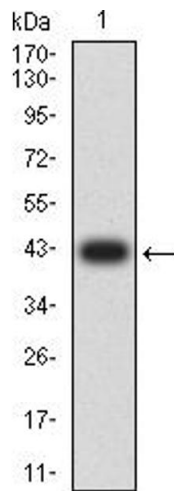
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Storage:	4 °C/-20 °C
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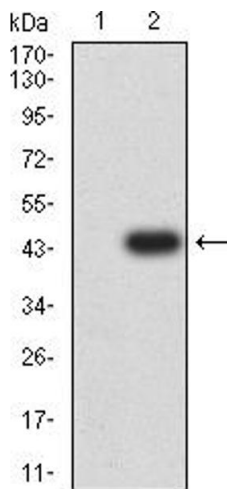
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Storage Comment:	4°C, -20°C for long term storage
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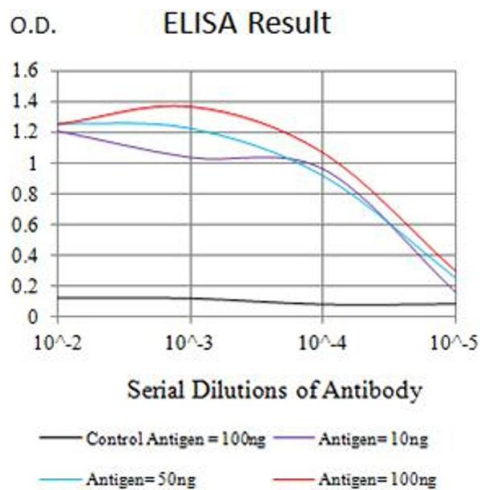
### Western Blotting

**Image 1.** Western blot analysis using CD48 mAb against human CD48 (AA: 47-181) recombinant protein. (Expected MW is 42 kDa)



### Western Blotting

**Image 2.** Western blot analysis using CD48 mAb against HEK293 (1) and CD48 (AA: 47-181)-hlgGFc transfected HEK293 (2) cell lysate.



### ELISA

**Image 3.** Black line: Control Antigen (100 ng), Purple line: Antigen (10 ng), Blue line: Antigen (50 ng), Red line: Antigen (100 ng)